

COMPACT INTEGRATED TOUCH PANEL DISPLAY FOR
A HANDHELD DEVICE

ABSTRACT OF THE DISCLOSURE

5 A handheld device with a compact integrated touch panel
is disclosed. A handheld device incorporating a touch panel
display requiring electrical connections is reduced in size
by incorporating electrical pathways within the support
structure of the touch panel display, obviating the need for
10 a flex circuit extension from the touch panel display for
connection to the handheld device. A further reduction in
size is obtained by providing an inherent visually
homogeneous perimeter for the touch panel display by matching
the colors of the conductive and dielectric materials,
15 thereby eliminating the need for a bezel.